

5 11. (Original) The device of claim 9, wherein said wireless communication device is located away from said gap. 2

4 12. (Original) The device of claim 10, further comprising a second wireless communication device located in one of said pole pieces away from said gap. 3

13. (Cancelled)

6 14. (Previously Amended) A device that magnetically attaches to a magnetic surface portion of an article, comprising:

a wireless communication device;
a magnet coupled to said wireless communication device wherein said magnet is located inside a chamber;

said magnet has a magnetic force that attaches said magnet to the magnetic surface portion of the article when in close proximity to the magnetic surface portion of the article; and

a latch that rotates said magnet in said chamber in response to a particular signal field.

7 15. (Original) The device of claim 14, further comprising a spring coupled to said latch to release said latch when said spring resonates. 6

8 16. (Original) The device of claim 14, wherein said particular signal field is 60 Hertz.

9 17. (Original) The device of claim 14, further comprising a signal detector coupled to said latch to detect the particular signal field and release said latch in response thereto. 6

10 18. (Previously Amended) The device of claim 14, wherein said wireless communication device provides power to a piezoelectric device to release said latch.

11 19. (Previously Amended) A device that magnetically attaches to a magnetic surface portion of an article, comprising:

a wireless communication device; and

a magnet coupled to said wireless communication device wherein said magnet is located inside a chamber;

said magnet has a magnetic force that attaches said magnet to the magnetic surface portion of the article when in close proximity to the magnetic surface portion of the article;

said wireless communication device alters said magnetic force when said wireless communication device receives a message.

12₂₆. (Previously Amended) The device of claim 19¹¹ wherein said wireless communication device passes a current to an electromagnet to alter said magnetic force.

13₂₁. (Original) The device of claim 20¹², wherein said electromagnet is mounted in close proximity to said magnet.

14₂₂. (Previously Amended) The device of claim 19¹¹, wherein said wireless communication device activates a latch that rotates said magnet to alter said magnetic force.

91
CONT. [23. (Cancelled)

15₂₄. (Previously Amended) A device that magnetically attaches to a magnetic surface portion of an article, comprising:

a wireless communication device; and

a magnet coupled to said wireless communication device wherein said magnet is located inside a chamber;

said magnet has a magnetic force that attaches said magnet to the magnetic surface portion of the article when in close proximity to the magnetic surface portion of the article;

said magnet is comprised of at least one tab connected to said wireless communication device wherein said at least one tab also comprises an antenna for said wireless communication device.

16₂₅. (Original) The device of claim 24¹⁵, wherein said at least one tab is a permanent magnet.

17₂₆. (Original) The device of claim 24¹⁵, wherein said at least one tab is an electromagnet.

27-33. (Cancelled)

18 34. (Previously Amended) A device that magnetically attaches to a magnetic surface portion of an article, comprising:

a wireless communication device; and

a magnet coupled to said wireless communication device wherein said magnet is located inside a chamber;

said magnet has a magnetic force that attaches said magnet to the magnetic surface portion of the article when in close proximity to the magnetic surface portion of the article;

said magnet moves in said chamber in a plane substantially perpendicular to said magnetic surface portion in response to said magnetic force or an external magnetic force.

19 35. (Previously Amended) A system for identification of an article, comprising:

an article having a magnetic surface portion;

a wireless communication device; and

a magnet coupled to said wireless communication device wherein said magnet is located inside a chamber;

said magnet has a magnetic force that attaches said magnet to the magnetic surface portion of the article when in close proximity to the magnetic surface portion of the article;

said chamber is comprised of two pole pieces forming a gap at two opposite ends.

20 36. (Original) The system of claim 35, wherein said wireless communication device is located in one of said pole pieces.

21 37. (Original) The system of claim 36, wherein said wireless communication device is located near said gap.

22 38. (Original) The system of claim 36, wherein said wireless communication device is located away from said gap.

21

22³⁹. (Original) The system of claim 37, further comprising a second wireless communication device located in one of said pole pieces away from said gap.

24⁴⁶. (Previously Amended) A device that magnetically attaches to a magnetic surface portion of an article, comprising:

a wireless communication device; and

a magnet coupled to said wireless communication device wherein said magnet is located inside a chamber;

said magnet has a magnetic force that attaches said magnet to the magnetic surface portion of the article when in close proximity to the magnetic surface portion of the article;

said chamber has an open portion for an external device to be inserted inside said chamber proximate to said magnet wherein said external device is adapted to cause a short with said magnet to cause said magnet to reverse polarity.

24

25⁴¹. (Original) The system of claim 46, wherein said external device is a magnetic short.

41 [42-47. (Cancelled)

Cont. 26
48. (Previously Amended) A system for identification of an article, comprising:
an article containing having a magnetic surface portion;
a wireless communication device;
a magnet coupled to said wireless communication device wherein said magnet uses magnetic force to attach said wireless communications device to said magnetic surface portion of said article when in close proximity to said magnetic surface portion, wherein said magnet is housed and rotates in a magnetic assembly; and
a latch that rotates said magnet in response to particular signal field.

26

27⁴⁹. (Original) The system of claim 48, further comprising a spring coupled to said latch to release said latch when said spring resonates.

26

28⁵⁰. (Original) The system of claim 48, wherein said particular signal field is 60 Hertz.

26
29⁵¹. (Previously Amended) The system of claim 48, wherein said wireless communication device provides power to an piezoelectric device to release said latch.

26
30⁵². (Original) The system of claim 48, further comprising a signal detector coupled to said latch to detect the particular signal field and release said latch in response thereto.

31
31⁵³. (Previously Amended) A system for identification of an article, comprising:
an article containing having a magnetic surface portion;
a wireless communication device;
a magnet coupled to said wireless communication device wherein said magnet uses magnetic force to attach said wireless communications device to said magnetic surface portion of said article when in close proximity to said magnetic surface portion; and
said wireless communication device alters said magnetic force when said wireless communication device receives a message through said wireless communication device.

31
32⁵⁴. (Previously Amended) The system of claim 53, wherein said wireless communication device passes a current to an electromagnet to alter said magnetic force.

32
33⁵⁵. (Original) The system of claim 54, wherein said electromagnet is mounted in close proximity to said magnet.

31
34⁵⁶. (Previously Amended) The system of claim 55, wherein said wireless communication device activates a latch that rotates said magnet to alter said magnetic force.

57. (Cancelled)

35
35⁵⁸. (Previously Amended) A system for identification of an article, comprising:
an article containing a magnetic surface portion;
a wireless communication device; and
a magnet coupled to said wireless communication device wherein said magnet uses magnetic force to attach said wireless communications device to said magnetic surface portion of said article when in close proximity to said magnetic surface portion;

said magnet is comprised of at least one tab connected to said wireless communication device wherein said at least one tab also comprises an antenna for said wireless communication device.

36 59. (Previously Amended) The system of claim 58, wherein said at least one tab is a permanent magnet.

37 60. (Previously Amended) The system of claim 58, wherein said at least one tab is an electromagnet.

61-64. (Cancelled)

38 66. (Currently Amended) [The] A method of [claim 64] detaching a wireless communication device from a magnetic surface portion, wherein the wireless communication device contains a magnet that attaches the wireless communication device to the magnetic surface portion by a magnetic force, comprising the step of activating a latch coupled to said magnet thereby rotating said magnet and altering said magnetic force, wherein activating a latch is comprised of bringing said wireless communication device in proximity to a signal field generator.

AI
CONT.

39 66. (Original) The method of claim 66, wherein bringing said wireless communication device in proximity to a signal field generator step resonates a spring coupled to said latch.

67-68. (Cancelled)

40 69. (Previously Amended) A method of detaching a wireless communication device from a magnetic surface portion, wherein the wireless communication device contains a magnet that attaches the wireless communication device to the magnetic surface portion by a magnetic force, comprised of altering said magnetic force, which comprises of magnetically shorting said magnet.

70-72. (Cancelled)

41 75. (Currently Amended) A method of detaching a wireless communication device from a magnetic surface portion, wherein the wireless communication device contains a magnet that attaches the wireless communication device to the magnetic surface portion by a magnetic force, comprised of altering said magnetic force and communicating via the wireless communication device the attachment status of said wireless communication device.

42 74. (Previously Amended) A method of detaching a wireless communication device from a magnetic surface portion, wherein the wireless communication device contains a magnet that attaches the wireless communication device to the magnetic surface portion by a magnetic force, comprising the steps of:

receiving a message by said wireless communication device; and
altering said magnetic force in response to said receiving said message.

43 75. (Previously Added) The method of claim 74, wherein said magnet is an electromagnet.

44 76. (Previously Added) The method of claim 75, wherein said electromagnet is comprised of a coil around a magnetic surface portion and said wireless communication device provides a voltage across said coil.

45 77. (Previously Added) The method of claim 76, wherein said voltage is generated by an energy source comprised from the group consisting of a reservoir capacitor and a battery.

46 78. (New) The method of claim 74, further comprising powering an electromagnet in proximity to said magnet.

47 79. (New) The method of claim 74, further comprising activating a latch coupled to said magnet to rotate said magnet.

REMARKS

Claims 70, 72, and 73

The Patent Office rejected claims 70, 72, and 73 under 35 U.S.C. §112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which